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| L5 and (560/\$ or 562/\$) | 9 |

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DATE: Monday, August 13, 2007

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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

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| <u>L6</u> | L5 and (560/\$ or 562/\$) | 9 | <u>L6</u> |
| <u>L5</u> | L4 and dehydrogenat\$9 | 19 | <u>L5</u> |
| <u>L4</u> | L2 and aminocarboxylic acid salt | 126 | <u>L4</u> |
| <u>L3</u> | L2 and aminocarboxylic acid | 2117 | <u>L3</u> |
| <u>L2</u> | L1 and (glycine or iminodiacetic acid) | 114387 | <u>L2</u> |
| <u>L1</u> | ni or nickel or zn or zinc or tin or sn or co or cobalt or iron or fe or ir | 11475660 | <u>L1</u> |

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☐ 1. Document ID: US 20040260120 A1

L5: Entry 1 of 19

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260120

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040260120 A1

TITLE: Raney copper

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------|-------------------|-------|---------|
| Ostgard, Daniel | Kleinostheim | NY | DE |
| Sauer, Jorg | Geinhausen | AL | DE |
| Freund, Andreas | White Plains | | US |
| Berweiler, Monika | Maintal | | DE |
| Hopp, Matthias | Mobile | | US |
| Vanheertum, Rudolf | Kahl | | DE |
| Girke, Walther | Hanau-Grossauheim | | DE |

US-CL-CURRENT: [562/538](#); [502/301](#)

| | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|---------------------|------------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw D |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|---------------------|------------------------|

☐ 2. Document ID: US 20040199007 A1

L5: Entry 2 of 19

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040199007

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040199007 A1

TITLE: Raney copper

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-----------------|--------------|-------|---------|
| Ostgard, Daniel | Kleinostheim | NY | DE |
| Sauer, Jorg | Gelnhausen | AL | DE |

| | | |
|--------------------|-------------------|----|
| Freund, Andreas | White Plains | US |
| Berweiler, Monika | Maintal | DE |
| Hopp, Matthias | Mobile | US |
| Vanheertum, Rudolf | Kahl | DE |
| Girke, Walther | Hanau-Grossauheim | DE |

US-CL-CURRENT: 562/539; 568/489

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 3. Document ID: US 20030203812 A1

L5: Entry 3 of 19

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030203812
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030203812 A1

TITLE: Fixed bed raney copper catalyst

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|-----------------|-------|---------|
| Ostgard, Daniel | Kleinostheim | | DE |
| Berweiler, Monika | Maintal | | DE |
| Seelbach, Karsten | Haltern-Hullern | | DE |

US-CL-CURRENT: 502/301; 502/308, 502/318, 502/344, 502/345, 502/527.14, 502/527.24

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 4. Document ID: US 20030125200 A1

L5: Entry 4 of 19

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030125200
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030125200 A1

TITLE: Raney copper

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-----------------|--------------|-------|---------|
| Ostgard, Daniel | Kleinostheim | NY | DE |
| Sauer, Jorg | Geinhausen | AL | DE |
| Freund, Andreas | White Plains | | US |

| | | |
|--------------------|-------------------|----|
| Berweiler, Monika | Maintal | DE |
| Hopp, Matthias | Mobile | US |
| Vanheertum, Rudolf | Kahl | DE |
| Girke, Walther | Hanau-Grossauheim | DE |

US-CL-CURRENT: 502/301; 420/489

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 5. Document ID: US 20030097020 A1

L5: Entry 5 of 19

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030097020

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030097020 A1

TITLE: Process for the preparation of carboxylic acid salts from primary alcohols

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------------|------------------|-------|---------|
| Franczyk, Thaddeus S. II | Chesterfield | MO | US. |
| Moench, William L. JR. | Town and Country | MO | US |

US-CL-CURRENT: 562/526; 548/308.7

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 6. Document ID: US 20020151436 A1

L5: Entry 6 of 19

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020151436

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020151436 A1

TITLE: Fixed bed raney copper catalyst

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|-----------------|-------|---------|
| Ostgard, Daniel | Kleinostheim | | DE |
| Berweiler, Monika | Maintal | | DE |
| Seelbach, Karsten | Haltern-Hullern | | DE |

US-CL-CURRENT: 502/301; 502/344, 502/345, 502/527.14, 502/527.24

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KM/C | Draw. D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 7. Document ID: US 20020114771 A1

L5: Entry 7 of 19

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020114771

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020114771 A1

TITLE: Cosmetic material

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|-----------|-------|---------|
| Nakanishi, Tetsuo | Gunma-ken | | JP |

US-CL-CURRENT: 424/70.12

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KM/C | Draw. D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
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☐ 8. Document ID: US 20020038051 A1

L5: Entry 8 of 19

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020038051

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020038051 A1

TITLE: Raney copper

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------|-------------------|-------|---------|
| Ostgard, Daniel | Kleinostheim | NY | DE |
| Sauer, Jorg | Gelnhausen | AL | DE |
| Freund, Andreas | White Plains | | US |
| Berweiler, Monika | Maintal | | DE |
| Hopp, Matthias | Mobile | | US |
| Vanheertum, Rudolf | Kahl | | DE |
| Girke, Walther | Hanau-Grossauheim | | DE |

US-CL-CURRENT: 562/538; 502/301, 568/402

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KM/C | Draw. D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 9. Document ID: US 20010018402 A1

L5: Entry 9 of 19

File: PGPB

Aug 30, 2001

PGPUB-DOCUMENT-NUMBER: 20010018402

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010018402 A1

TITLE: Fixed bed raney copper catalyst

PUBLICATION-DATE: August 30, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|-----------------|-------|---------|
| Ostgard, Daniel | Kleinostheim | | DE |
| Berweiler, Monika | Maintal | | DE |
| Seelbach, Karsten | Haltern-Hullern | | DE |

US-CL-CURRENT: 502/345; 502/316, 502/318, 502/331, 562/526

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 10. Document ID: US 6794331 B2

L5: Entry 10 of 19

File: USPT

Sep 21, 2004

US-PAT-NO: 6794331

DOCUMENT-IDENTIFIER: US 6794331 B2

TITLE: Raney copper

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
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☐ 11. Document ID: US 6790451 B2

L5: Entry 11 of 19

File: USPT

Sep 14, 2004

US-PAT-NO: 6790451

DOCUMENT-IDENTIFIER: US 6790451 B2

TITLE: Cosmetic material

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KMIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|--------|

☐ 12. Document ID: US 6646160 B2

L5: Entry 12 of 19

File: USPT

Nov 11, 2003

US-PAT-NO: 6646160

DOCUMENT-IDENTIFIER: US 6646160 B2

TITLE: Process for the preparation of carboxylic acid salts from primary alcohols

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KMIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|--------|

☐ 13. Document ID: US 5220055 A

L5: Entry 13 of 19

File: USPT

Jun 15, 1993

US-PAT-NO: 5220055

DOCUMENT-IDENTIFIER: US 5220055 A

TITLE: Process for producing aminocarboxylic acid salts

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KMIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|--------|

☐ 14. Document ID: US 5220054 A

L5: Entry 14 of 19

File: USPT

Jun 15, 1993

US-PAT-NO: 5220054

DOCUMENT-IDENTIFIER: US 5220054 A

** See image for Certificate of Correction **

TITLE: Process for producing aminocarboxylic acid salt

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|

☐ 15. Document ID: US 4782183 A

L5: Entry 15 of 19

File: USPT

Nov 1, 1988

US-PAT-NO: 4782183

DOCUMENT-IDENTIFIER: US 4782183 A

TITLE: Method for manufacture of amino-carboxylic acid salts

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|

☐ 16. Document ID: US 4105416 A

L5: Entry 16 of 19

File: USPT

Aug 8, 1978

US-PAT-NO: 4105416

DOCUMENT-IDENTIFIER: US 4105416 A

TITLE: Process for removing sulfur from coal

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|

☐ 17. Document ID: RD 354037 A

L5: Entry 17 of 19

File: DWPI

Oct 10, 1993

DERWENT-ACC-NO: 1993-375603

DERWENT-WEEK: 199347

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TITLE: Amino-carboxylic acid salt prodn. from (opt. N,N-substd.) ethanolamine - by oxidative dehydration using alkali(ne earth) hydroxide and copper@ catalyst, for prodn. of e.g. nitrilo-tri:or imino-di:acetic acid etc.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|

☐ 18. Document ID: WO 9209559 A1, CA 2074486 C, AU 9189130 A, EP 513396 A1, JP 04342549 A, JP 04500538 X, AU 634918 B, US-5220054 A, EP 513396 A4, EP 513396 B1, DE 69120660 E, ES 2089493 T3, JP 2939335 B2, KR 9709569 B1, JP 2968104 B2

L5: Entry 18 of 19

File: DWPI

Jun 11, 1992

DERWENT-ACC-NO: 1992-216970

DERWENT-WEEK: 200231

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TITLE: Amino:carboxylic acid salt prepn. from amino alcohol - by oxidative
dehydrogenation in presence of alkali(ne earth) metal hydroxide, copper@ and water

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|--------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|--------|

☐ 19. Document ID: US 3708533 A

L5: Entry 19 of 19

File: USOC

Jan 2, 1973

US-PAT-NO: 3708533

DOCUMENT-IDENTIFIER: US 3708533 A

TITLE: METHOD FOR THE PREPARATION OF AMINOCARBOXYLIC ACID SALTS

DATE-ISSUED: January 2, 1973

INVENTOR-NAME: BECHARA I; DE LA MATER G ; MILLIGAN B

US-CL-CURRENT: 562/526, 544/399

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|--------|
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